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DEVELOPMENT PLANNING FOR WATER RESOURCES

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- I Introduction
- II General Works
- III Economics of Water Resources Development
- IV Uses and Benefits of Water Resources Development
- V Planning for Water Resources Development

DEVELOPMENT PLANNING FOR WATER RESOURCES

Water has always been an important factor in the development of this country. In the formative years of this nation, inland rivers and canals played a major role in the expansion of commerce and trade. Water has also served as a major source of power for many of the nation's industries. In recent years, the uses for water have expanded greatly, especially in and around our large metropolitan areas, and correspondingly, its utility to the nation has increased immeasurably.

The growing demand for water relative to a fairly constant water supply has also created a great deal of concern over a severe shortage of water in the decades ahead. This concern has provided the impetus for the comprehensive planning of water resources development throughout the major river basin areas of the country. The object of the water resource planning program was, and still is, to achieve the widest range and best possible set of multiple-purpose water uses in the river basin area. Most of these programs, however, have never been fully implemented, primarily because of the growing conflict between competing users for water and the lack of proper mechanisms for determining water use priorities. Nevertheless, development planning for water resources is given high priority by national, state and local governmental officials since failure to wisely conserve and develop our water supply could seriously effect the economic growth of the nation and its regions. Even worse, it could result in national disaster, since mankind cannot do without the life giving substances that water provides.

Over the last thirty years, a large number of books, articles, special reports, etc., have been published on the subject of water resource planning. Many of these are "fugitive" reports, that is, they are not widely publicized nor readily available to the interested reader. A representative sample of these reports is included in the bibliography.

Because of the increasing importance of water resources to the nation, there is a need for more persons, with both academic and non-academic backgrounds to become familiar with this growing body of literature. The bibliography that follows is but one attempt to meet this need. To provide the reader with some useful points of reference concerning the literature on water resources planning, the bibliography has been divided into four sections. The first section lists general works that offer useful background material on water resource development. The second section deals with published materials on the economics of water resource development while the third section covers books and articles on the uses and benefits of water resources. The fourth and final section provides a selected bibliography on water resource planning.

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